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DECLARATION OF NON-ESTABLISHMENT OF INTERNATIONAL SEARCH REPORT

(PCT Article 17(2)(a), Rule 13ter.1(c) and 39)

Applicant's or agent's file reference 21101.0021P1	<b>IMPORTANT DECLARATION</b>		Date of mailing (day/month/year) 16 APR 2004
International application No. PCT/US03/17506	International filing date (day/month/year) 02 June 2003 (02.06.2003)	(Earliest) Priority date (day/month/year) 31 May 2002 (31.05.2002)	
International Patent Classification (IPC) or both national classification and IPC IPC(7): C12N 9/00; C07K 14/00 and US Cl.: 435/183; 530/380			
Applicant UNIVERSITY OF UTAH RESEARCH FOUNDATION			

This International Searching Authority hereby declares, according to Article 17(2)(a), that no international search report will be established on the international application for the reasons indicated below.

1.  The subject matter of the international application relates to:
  - a.  scientific theories.
  - b.  mathematical theories
  - c.  plant varieties.
  - d.  animal varieties.
  - e.  essential biological processes for the production of plants and animals, other than microbiological processes and the products of such processes.
  - f.  schemes, rules or methods of doing business.
  - g.  schemes, rules or methods of performing purely mental acts.
  - h.  schemes, rules or methods of playing games.
  - i.  methods for treatment of the human body by surgery or therapy.
  - j.  methods for treatment of the animal body by surgery or therapy.
  - k.  diagnostic methods practised on the human or animal body.
  - l.  mere presentations of information.
  - m.  computer programs for which this International Searching Authority is not equipped to search prior art.
2.  The failure of the following parts of the international application to comply with prescribed requirements prevents a meaningful search from being carried out:
 

the description       the claims       the drawings
3.  The failure of the nucleotide and/or amino acid sequence listing to comply with the standard provided for in Annex C of the Administrative Instructions prevents a meaningful search from being carried out:
 

the written form has not been furnished or does not comply with the standard.

the computer readable form has not been furnished or does not comply with the standard.
4. Further comments:  
Please See Continuation Sheet

Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703) 305-3230	Authorized officer Karen Cochrane Carlson, Ph.D. <i>J. Roberto for</i>
	Telephone No. 703-308-1235

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4. Further comments:

Invention I is drawn to antithrombin III variants wherein P2-P8 are varied. The description does not describe the location of P2-P8 within the antithrombin III sequence and therefore this part of antithrombin III cannot be searched for variants. An attempt has been made to find the Invention I sequence Glu-Glu-Glu-Glu/Asp - Leu/Val - Asp/Glu - Pro within the amino acid sequences provided, but this sequence cannot be found. This sequence itself is not provided independent of the antithrombin III sequences provided, and thus that sequence cannot be searched.